Clear Picture

PURE|AV™ by Belkin

Clean Sound

HDTV Power Conditioner PFHD

User Manual

AP10300-10

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Introduction

The PureAV team started with one simple goal—to build well-designed, feature-rich, and attractive AV power products that will allow our customers to realize the best possible performance from their audio, video, and home theater equipment. To achieve this goal, we enlisted some of the top engineers and industrial designers in the country. The result of our efforts is the PureAV HDTV Power Conditioner.

Flat-screen LCD and plasma TVs have changed the way you view television and offer convenient wall-mount and sleek tabletop designs. These valuable displays are vulnerable to electrical disturbances and interference from many sources inside and outside your home. Featuring advanced, built-in HD PureFilter Circuitry, the PureAV HDTV Power Conditioner removes electrical noise from high-definition video signals to provide clean and clear power to your LCD, plasma TV, and HDTV. In addition to providing exceptional performance, high-performance surge protection, and seamless control, the PureAV HDTV Power Conditioner's elegant, low-profile design offers a variety of mounting options to complement any flat-screen TV.

The HDTV experience is the driving force behind the PureAV HDTV Power Conditioner, providing the clearest picture and cleanest sound from your components to you. Thank you for purchasing the PureAV HDTV Power Conditioner.

Clear Picture – Clean Sound. PureAV.

Safety Precautions

Warning – Grounding and Polarization
This product must be plugged directly into a grounded AC power outlet (three-prong). Do not use a three-to-two-prong adapter to defeat the grounding pin. Do not plug or "daisy-chain" this product into other electrical products such as PureAV Power Conditioners, power strips, or UPSes. Do not plug this product into an extension cord. Failure to plug this product directly into a grounded outlet may result in personal injury or damage to your equipment. Call a licensed electrician if you are unsure if your AC outlets are properly grounded.

WARNING – Rooftop Antennas and Satellite Dishes
If you use rooftop antennas, satellite dishes, or any other rooftop hardware that connects to your PureAV HDTV Power Conditioner, make sure the wires are properly grounded. This will protect against voltage surges from lightning strikes or static charges.

WARNING – Lightning Storm Protection
Although your PureAV HDTV Power Conditioner is built to withstand large power surges, we cannot guarantee that it will protect all of your equipment in the event of a large lightning storm. In the event of a lightning storm, it is best to unplug your PureAV HDTV Power Conditioner from the wall. Once you have done this, there is no need to unplug any of the equipment that is connected to the PureAV HDTV Power Conditioner.

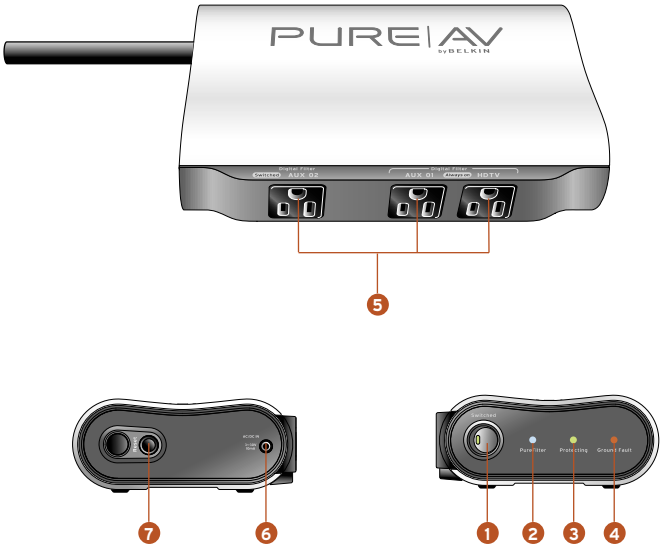
WARNING – Water and other Liquids
Do not use this product with aquariums or other water-related products. Use indoors and in dry locations only. Do not operate the PureAV HDTV Power Conditioner if any liquid is spilled on or in the unit. Failure to follow these guidelines could result in serious bodily injury or death.

WARNING – Cleaning
Always unplug the PureAV HDTV Power Conditioner before cleaning. It is only necessary to clean the PureAV HDTV Power Conditioner with a clean, dry cloth or duster. Do not use any cleaning solutions, sprays, or water.

WARNING – No User-Serviceable Parts Inside
If for any reason your PureAV HDTV Power Conditioner is malfunctioning, do not attempt to repair or dismantle the unit in any way. Unplug the unit and consult the owner's manual for warranty and service contact information.

PureAV HDTV Power Conditioner Features

1. **Power Switch** – turns the power on and off to the PureAV HDTV Power Conditioner's "switched" outlet (AUX)
2. **PureFilter™ Light** – indicates that the HD PureFilter Circuitry is working properly
3. **Protecting Light** – indicates that the surge-protection circuitry is working properly
4. **Ground Fault Light** – indicates that the PureAV HDTV Power Conditioner is not plugged into a properly grounded outlet
5. **AC Outlets** – powers high-definition video displays and other equipment, such as HDTV receivers, satellite receivers, and DVDs
6. **AC/DC Remote Socket** – allows for turning on/off of a switched outlet from an external source such as a preamp/receiver
7. **15-Amp Circuit Breaker** – provides safety of resettable circuit breaker



Hookup and Installation

Step 1 (optional) Mounting your PureAV HDTV Power Conditioner

The wall-mount bracket is designed to be mounted to drywall or wood/plywood (cabinet or other wood furniture). The bracket can be mounted horizontally or vertically and will hold the PureAV HDTV Power Conditioner securely in either of these configurations.

For mounting to wood surface:

1. Use the wall-mount bracket as a template to mark the four screw locations on the mounting surface (Fig. B).
2. Drill 3/32" pilot holes in the screw locations.
3. Attach the wall-mount bracket with the #6 x 1/2" wood screws.
4. Mount the PureAV HDTV Power Conditioner to the mounting bracket (Fig. A) by aligning the mounting holes on the back of the PureAV HDTV Power Conditioner (Fig. C) with the mounting screws on the surface of the wall-mount bracket (Fig. B).

For mounting to drywall surface:

1. Use the wall-mount bracket as a template to mark the four screw locations on the mounting surface (Fig. B).
2. Drill 3/16" pilot holes in the screw locations.
3. Insert the plastic drywall anchors into the pilot holes.
4. Attach the wall-mount bracket with the #6 x 1" drywall screws.
5. Mount the PureAV HDTV Power Conditioner to the mounting bracket (Fig. A) by aligning the mounting holes on the back of the PureAV HDTV Power Conditioner (Fig. C) with the mounting screws on the surface of the wall-mount bracket (Fig. B).

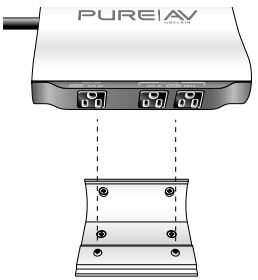


Figure A

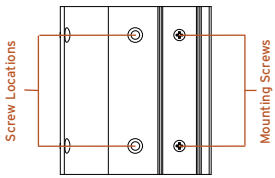


Figure B

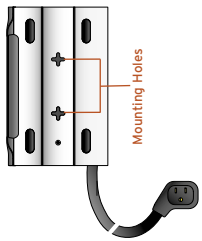


Figure C

Hookup and Installation

Step 2 Connect Components to the AC Outlets

A. PureAV power cord labels—Attach labels to each component's power cord before you plug the cord into the corresponding outlet on the PureAV HDTV Power Conditioner.

B. HDTV (always ON)—Connect your HDTV video display or any TV to the outlet labeled "HDTV". This outlet is ALWAYS ON and provides power regardless of whether or not the power switch is in the ON position.

C. AUX 01 (always ON)—This outlet can be used to connect any other equipment you may have including an HDTV receiver, satellite receiver, DVD player, etc. This outlet is ALWAYS ON and provides power regardless of whether or not the power switch is in the ON position.

D. AUX 02 (switched)—This outlet can be used to connect any other equipment you may have including a DVD player, VCR, or any product you want to switch ON and OFF from time to time.

- **Note about switched outlet:** Certain components do not need to be powered on at all times or should not be powered on at all times. For this reason, this outlet is "switched" and can be controlled with the power switch located on the end of the PureAV HDTV Power Conditioner. When you set the power switch to the ON position, the switch will illuminate and power will now be flowing to the switched outlet (AUX 02). To turn off the switched outlet, simply set the power switch to the OFF position. Power will stop flowing to the switched outlet, but will continue to flow to the unswitched outlets (HDTV, AUX 01).

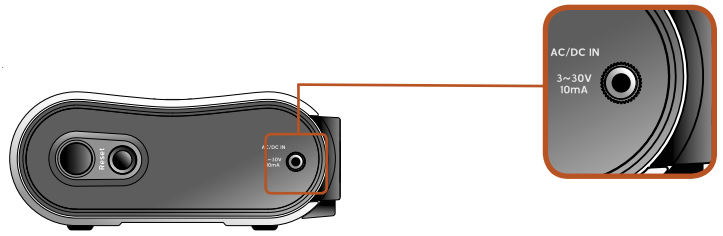
Hookup and Installation

Step 3 Remote AC/DC Control

The PureAV HDTV Power Conditioner is equipped with a Remote AC/DC Control jack (remote trigger). This allows you to power on and off the switched outlet on your PureAV HDTV Power Conditioner via the power switch on another component (receiver/preamp or other custom installation component) that is equipped with a "trigger out" or remote output jack.

1. Before connecting the cable, make sure that the power switch is in the OFF position.
2. Plug in the Remote AC/DC Control cable (1/8" mini-jack cable included) to the corresponding remote input on the PureAV HDTV Power Conditioner (labeled as "AC/DC IN 3~30V 10mA").
3. Plug the other end of the Remote AC/DC Control cable into the corresponding remote output on the component of your choice (this may be a custom installation component, receiver/preamp, etc.).

Your PureAV HDTV Power Conditioner is now set up for remote operation.



Troubleshooting

PureAV HDTV Power Conditioner is not providing power

- Check to ensure that the PureAV HDTV Power Conditioner is plugged into a properly grounded AC wall outlet. Some outlets require a wall switch to be turned on in order to deliver power to the outlet.
- Too many devices may be plugged into the PureAV HDTV Power Conditioner, which are overloading the unit and tripping the overload circuit breaker. The PureAV HDTV Power Conditioner is not designed to handle current loads larger than 15 Amps or 1,800 watts. Try unplugging some devices and resetting the circuit breaker located on the end of the PureAV HDTV Power Conditioner.

  To reset the circuit breaker: Wait at least 10 minutes after the circuit breaker was tripped before attempting to reset the breaker. Press in the button located next to the power cord on the end of the unit to reset. Power should be restored to the outlets on the PureAV HDTV Power Conditioner.

- Your components may be plugged into the "Switched" outlet and the outlet is not switched on. Check to ensure that the switch is in the ON position and is illuminated green. If the light is not illuminated and the switch is in the ON position, unplug the PureAV HDTV Power Conditioner immediately and contact Belkin Customer Service for assistance and a possible replacement

"Protecting" light is not lit

- Check to make sure that the PureAV HDTV Power Conditioner is plugged into a grounded AC wall outlet. The "PureFilter" light should be lit.
- If the "Protecting" light is still not lit, the surge protection components in the PureAV HDTV Power Conditioner may be expired or damaged. Please call Belkin Customer Service for assistance and a possible replacement.

"Ground Fault" light is lit

- If the red "Ground Fault" light is lit, this indicates that your PureAV HDTV Power Conditioner is not plugged into a properly grounded AC outlet. Check to make sure that the PureAV HDTV Power Conditioner is plugged into a grounded AC outlet (three-prong AC outlets only. Do not use two-to-three-prong adapters). The "PureFilter" light and the "Protecting" light should be lit.
- If the "Ground Fault" light is still lit, you may have a ground-wiring problem and you should contact an electrician to properly ground the outlet. Connecting the PureAV HDTV Power Conditioner to an improperly grounded outlet is not safe and will void all Belkin Corporation warranties. If the outlet is properly grounded and the "Ground Fault" light is still lit, please call Belkin Corporation for assistance.

For all other technical questions or troubleshooting issues, please contact Belkin Customer Service at 800-223-5546.

Belkin Connected Equipment Warranty

Belkin Corporation warrants to the original purchaser of any Belkin PureAV Power Conditioner for the life of the product, that the PureAV Power Conditioner shall be free of defects in design, assembly, material, or workmanship, and will repair or replace, at its option, any defective product free of charge.

Belkin Corporation will repair or replace, at its option, any equipment which is damaged by a transient voltage surge/spike or lightning strike, (an "Occurrence"), while properly connected through a Belkin PureAV Power Conditioner to a properly wired AC power line with protective ground. If you are using an AC PureAV Power Conditioner that has phone, network or coaxial protection, the telephone line, network line and coaxial-cable line must be properly connected and installed, as determined by Belkin at its sole discretion.

This Connected Equipment Warranty is a Limited Warranty, subject to the limitations and exclusions set forth herein.

Belkin Corporation will spend, to repair or replace the damaged connected equipment, at Belkin's option, an amount equal to the fair market value of the damaged equipment or the original purchase price of the equipment, whichever is less, up to the maximum amount set forth below:

Model AP10300-10 Up to a maximum of $350,000.00
The fair market value of the equipment shall be the current value of the equipment specified in the most recent edition of the Orion Blue Book by Orion Research Corporation, Roger Rohrs Publisher.

Belkin Corporation reserves the right to review the damaged Belkin PureAV Power Conditioner, the damaged equipment, and the site where the damage occurred. All costs of shipping the Belkin PureAV Power Conditioner and the damaged equipment to Belkin Corporation for inspection shall be borne solely by the purchaser. Belkin reserves the right to negotiate the cost of repairs. If Belkin determines, in its sole discretion, that it is impractical to ship the damaged equipment to Belkin Corporation, Belkin may designate, in its sole discretion, an equipment repair facility to inspect and estimate the cost to repair such equipment. The cost, if any, of shipping the equipment to and from such repair facility and of such estimate shall be borne solely by the purchaser. Damaged equipment must remain available for inspection until the claim is finalized. Whenever claims are settled, Belkin Corporation reserves the right to be subrogated under any existing insurance policies the claimant may have.

Belkin Connected Equipment Warranty

All above warranties are null and void if: the Belkin PureAV Power Conditioner in use during the Occurrence is not provided to Belkin Corporation for inspection upon Belkin's request at the sole expense of the purchaser, Belkin Corporation determines that the Belkin PureAV Power Conditioner has been improperly installed, altered in any way or tampered with, Belkin Corporation determines that the damage did not result from the Occurrence or that no Occurrence in fact took place, the repair or replacement of the damaged equipment is covered under a manufacturer's warranty, or Belkin Corporation determines that the connected equipment was not used under normal operating conditions or in accordance with any labels or instructions. All Belkin PureAV Power Conditioners must be plugged directly into the power source and must not be "daisy-chained" together in serial fashion with other power strips, UPSes, other Surge Protectors or extension cords. A three-to-two-prong adapter may not be used. Any such installation voids the warranty. The Belkin Connected Equipment Warranty only protects against damage to properly connected equipment where Belkin Corporation has determined, in its sole discretion, that the damage resulted from an Occurrence, and does not protect against acts of God (other than lightning) such as flood, earthquake, war, vandalism, theft, normal-use wear and tear, erosion, depletion, obsolescence, abuse, damage due to low voltage disturbances (i.e. brownouts or sags), non-authorized program, or system equipment modification or alteration. *Please note: This product is not for use with aquariums and all other water-related products. Use only indoors and in dry locations.

This warranty contains the sole warranty of Belkin Corporation, there are no other warranties, expressed or, except as required by law, implied, including the implied warranty or condition of quality, merchantability or fitness for a particular purpose, and such implied warranties, if any, are limited in duration to the term of this warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

In no event shall Belkin Corporation be liable for incidental, special, direct, indirect, consequential or multiple damages such as, but not limited to, lost business or profits arising out of the sale or use of any Belkin PureAV Power Conditioner, even if advised of the possibility of such damages. This warranty gives you specific legal rights, and you may also have other rights, which may vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damage, so the above limitations may not apply to you.

Belkin Connected Equipment Warranty

This warranty is valid only for the original purchaser of the product. All damage claims against the product must be made within 15 days from the date of the Occurrence and must be accompanied by a receipt for the damaged equipment or the warranty is void. Warranty is valid in USA, Canada, Puerto Rico, and Bermuda. To file a claim against the Belkin Connected Equipment Warranty, you must take the following steps: Contact Belkin online at www.belkin.com and print our claim form or write to us at:

Belkin Corporation, 501 W. Walnut St., Compton CA 90220
Attn: Technical Support.

Or call (310) 898-1100, extension 2263, within 15 days of the Occurrence. Be prepared to provide the following information:

a. The part number of the Belkin PureAV Power Conditioner.

b. The equipment that was connected to the PureAV Power Conditioner at the time of the Occurrence.

c. The equipment that was damaged during the Occurrence and the extent of the damage.

d. The date of the Occurrence.

e. Where you purchased the PureAV Power Conditioner.

f. When you purchased the PureAV Power Conditioner.

g. Copy of original receipt.

h. Your Belkin Customer Service Representative will then instruct you on how to forward your equipment, receipt, Belkin PureAV Power Conditioner in use during the "Occurrence" and how to proceed with your claim.

Please conveniently register your Belkin PureAV Power Conditioner online on our website www.belkin.com.

BELKIN

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